

AMPEX

TCO-3 Digital Timebase Corrector Changeover Unit



Features

- ☐ Time shares TBC with up to two VPRs and one U-matic VCR
- ☐ Switches all functions in standard VPR/TBC Cable
- ☐ Switches VPR audio and video
- ☐ Can be remote controlled
- ☐ Low power consumption
- ☐ Compact size

Time Sharing

The TCO-3 digital timebase corrector changeover unit facilitates time sharing of TBC units between VPR series recorders and U-matics. It accepts audio, video and control signals from each VTR and routes them in turn to the TBC. Changeover operation is controlled by lighted front panel switches or, for added convenience, a user supplied remote control panel may be placed up to 100 feet from the unit.

Functions switched are:

- ☐ Video from one of three VTRs to TBC
- ☐ TBC control lines from VPRs to TBC
- ☐ Video monitor co-ax out of TBC to VPRs
- ☐ Audio channel 1 and channel 2 from one of three VTRs. Routing is same as video.

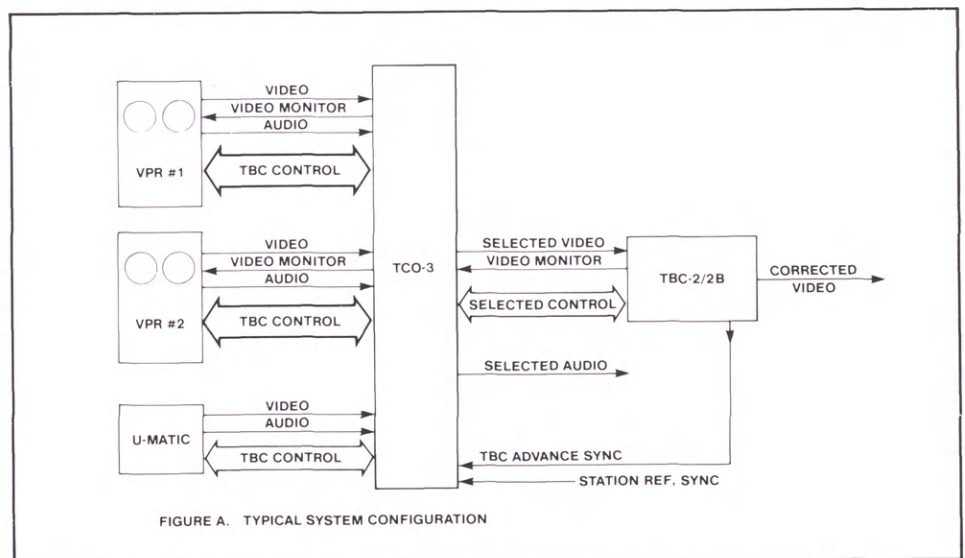
The unit is designed for rack mounting and measures 5.25 inches high with all cable

connections at rear. All VPR/TBC control cables have double "loop through" connectors allowing the VTR signals to be used elsewhere when not routed through the TCO-3; i.e., when the VTR is off-line.

Front access of the PWA and relays simplifies maintenance. The unit features

universal power (100/115/200/230 VAC, 50/60 Hz). In addition, sync distribution can be jumper-selected to accommodate station reference or advance sync.

Figure A depicts a typical system configuration.



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